

FIG. 1

W 00 W 00 W 00 W 00 W 00 W 00

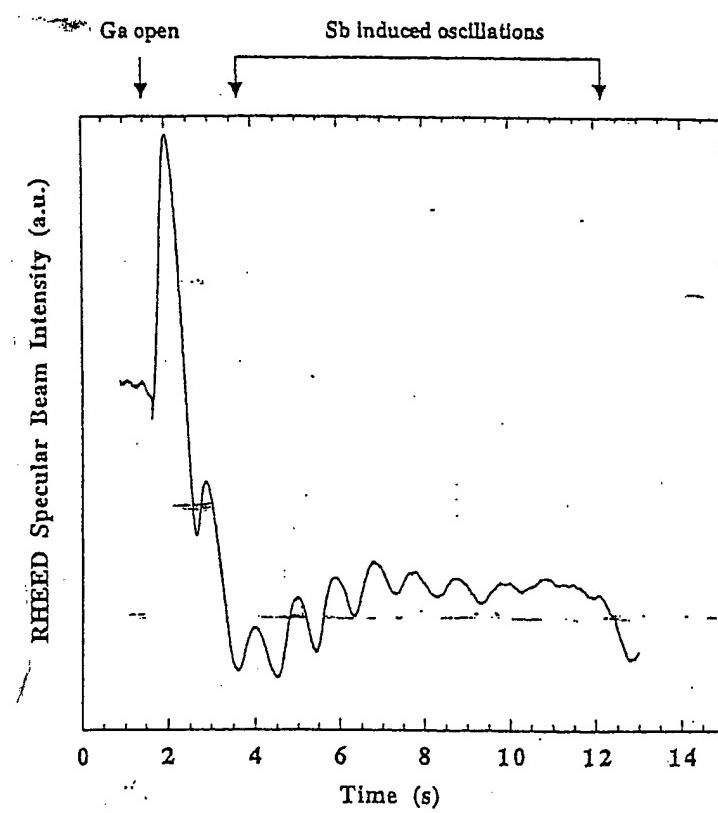


FIG. 2

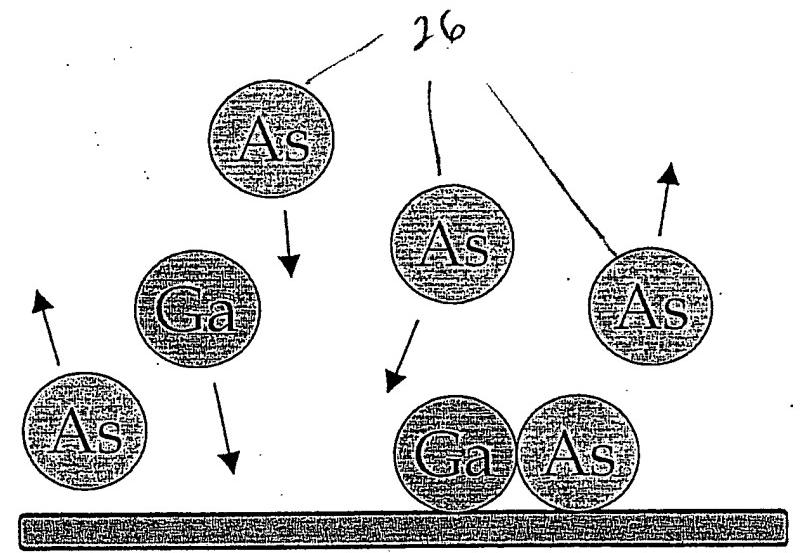


FIG. 3

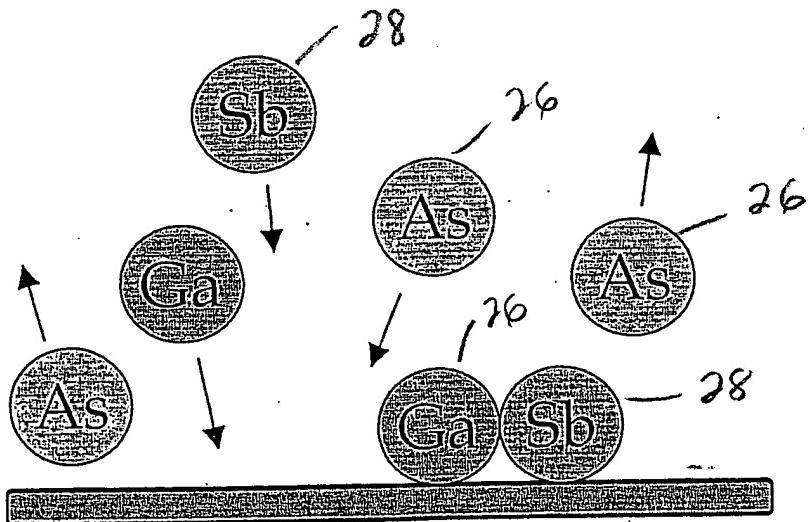


FIG. 4

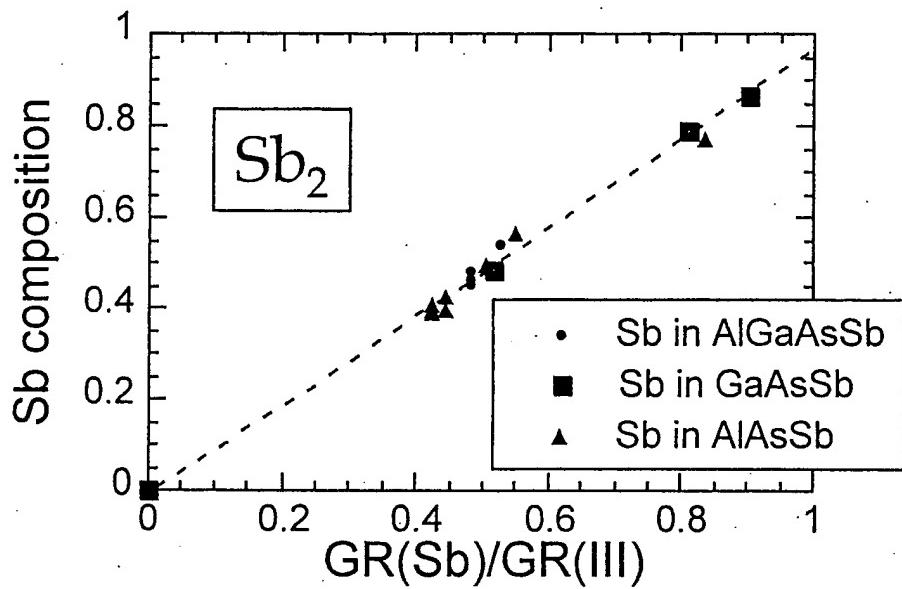


FIG. 5

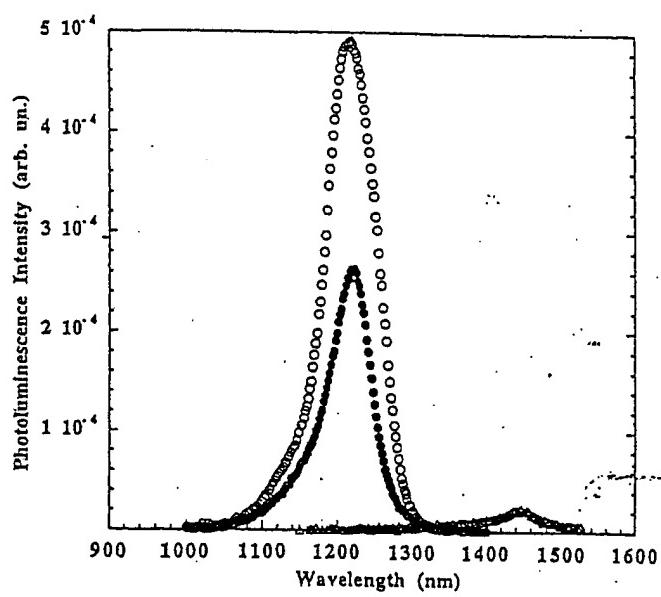


FIG. 6

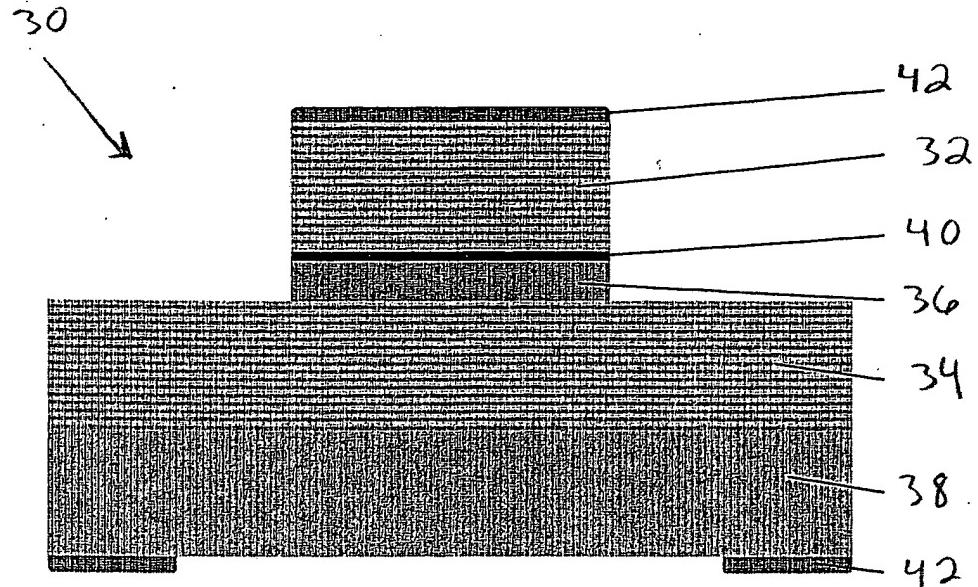


FIG. 7

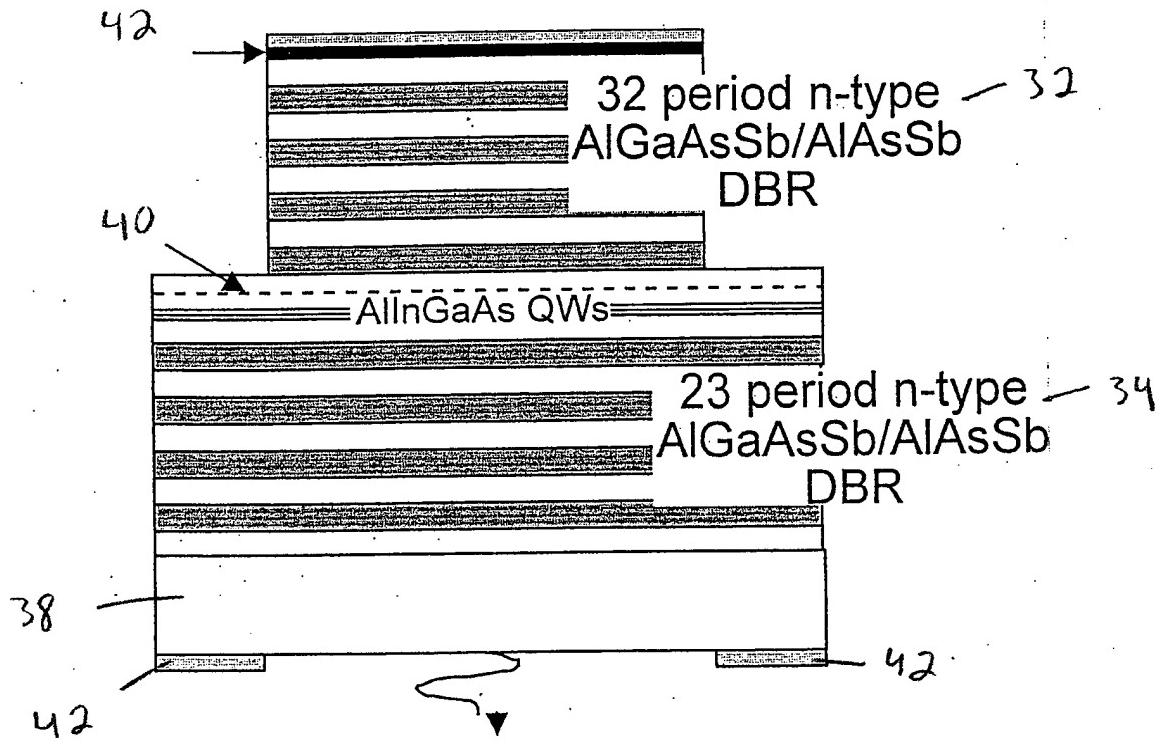


FIG. 8

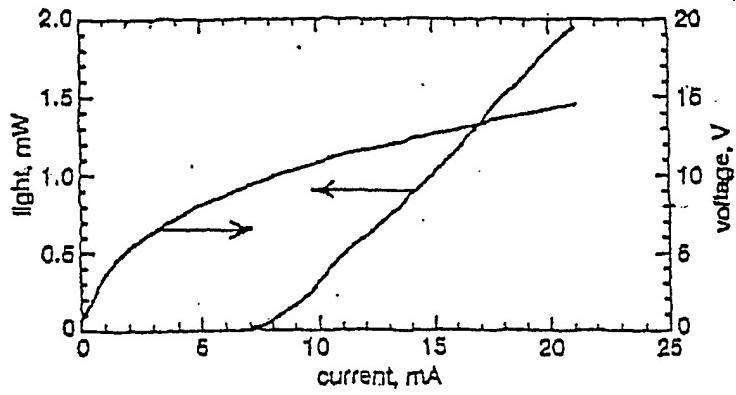
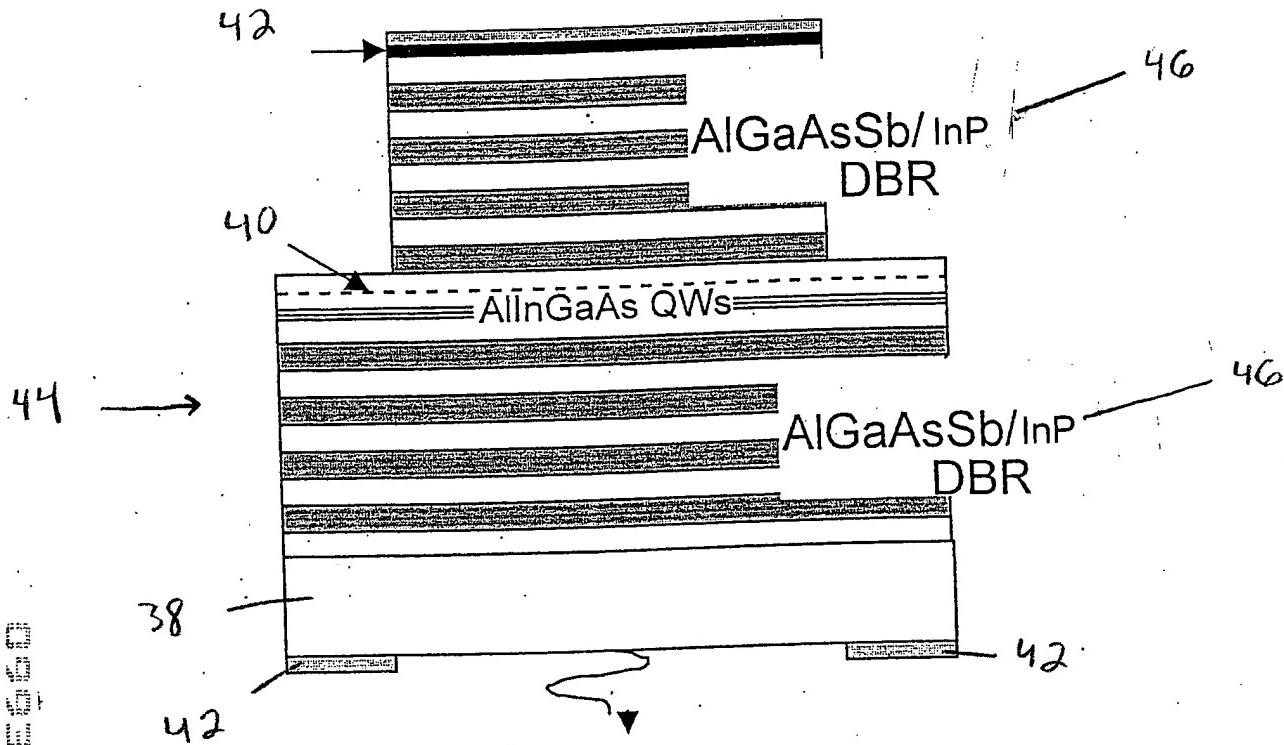


FIG. 9



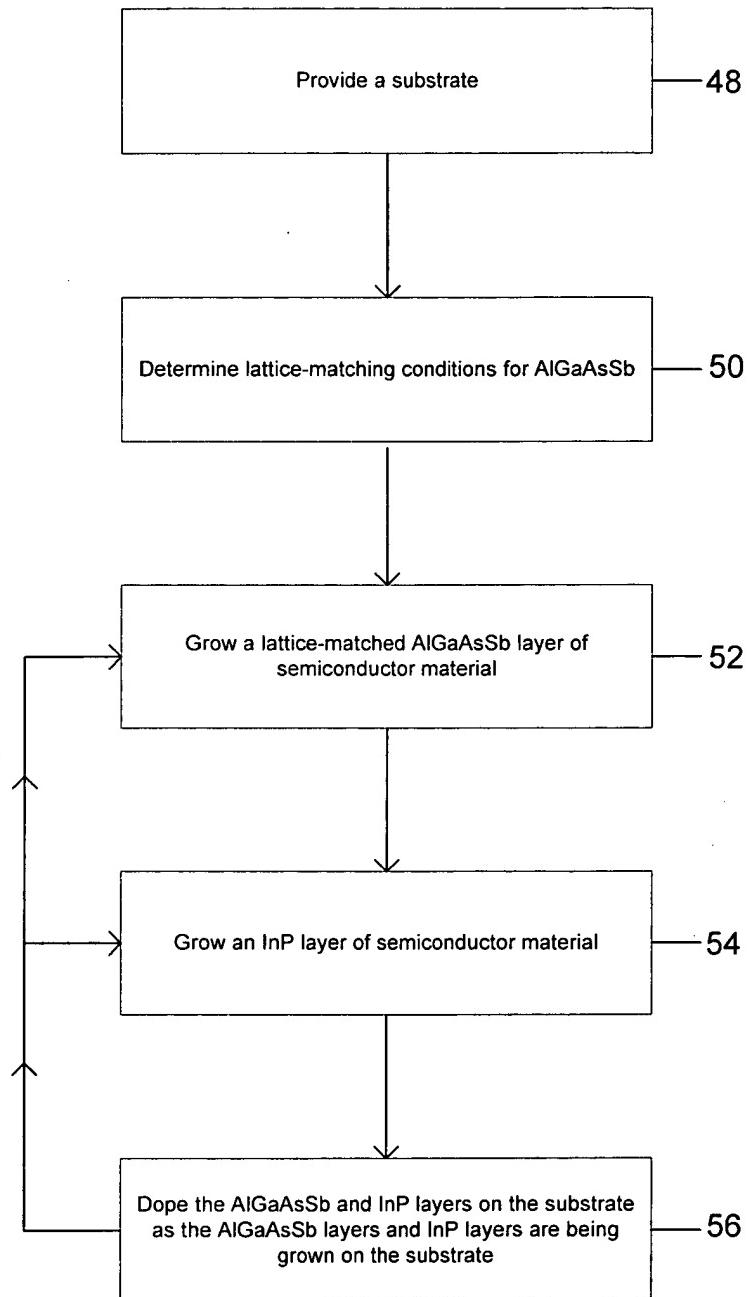


FIG. 11

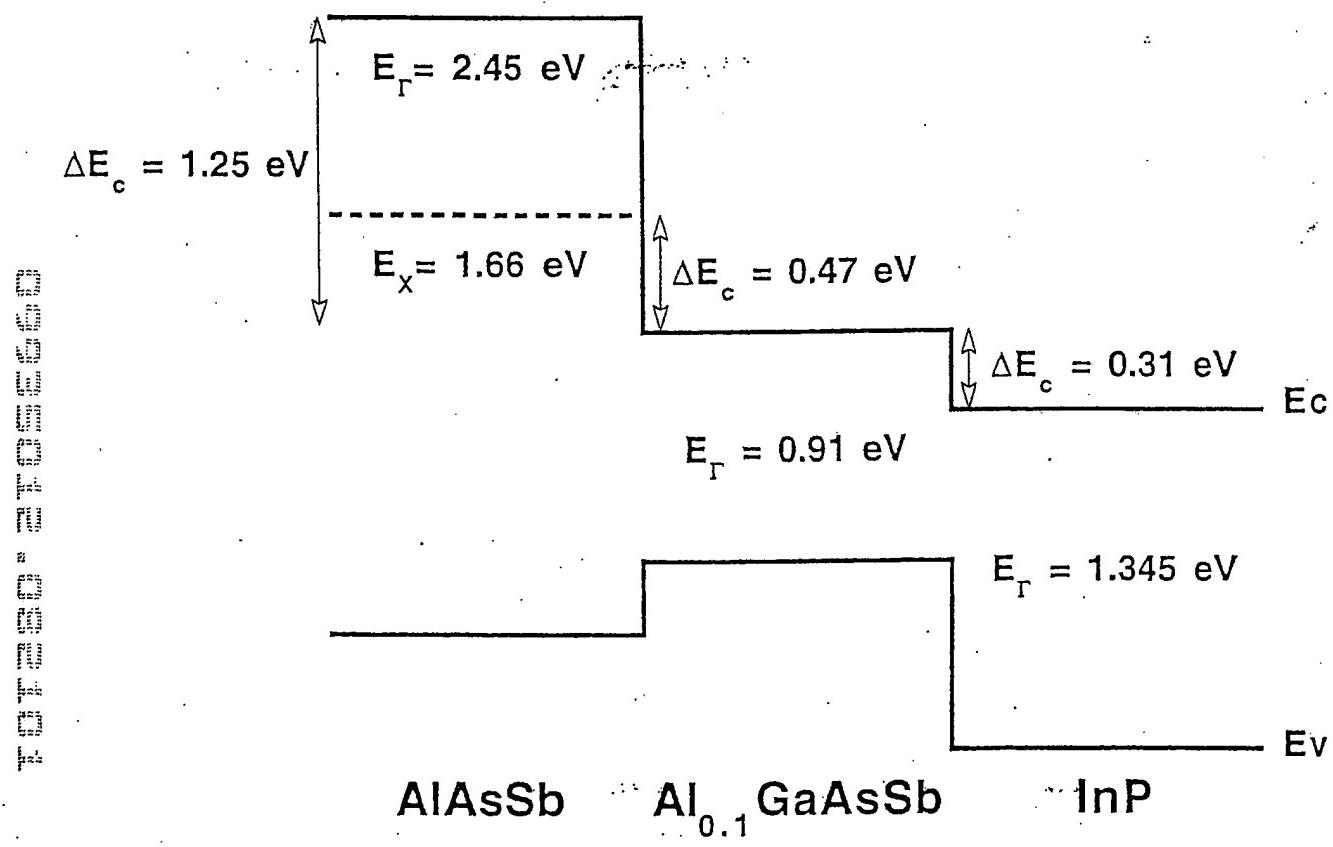


FIG. 12

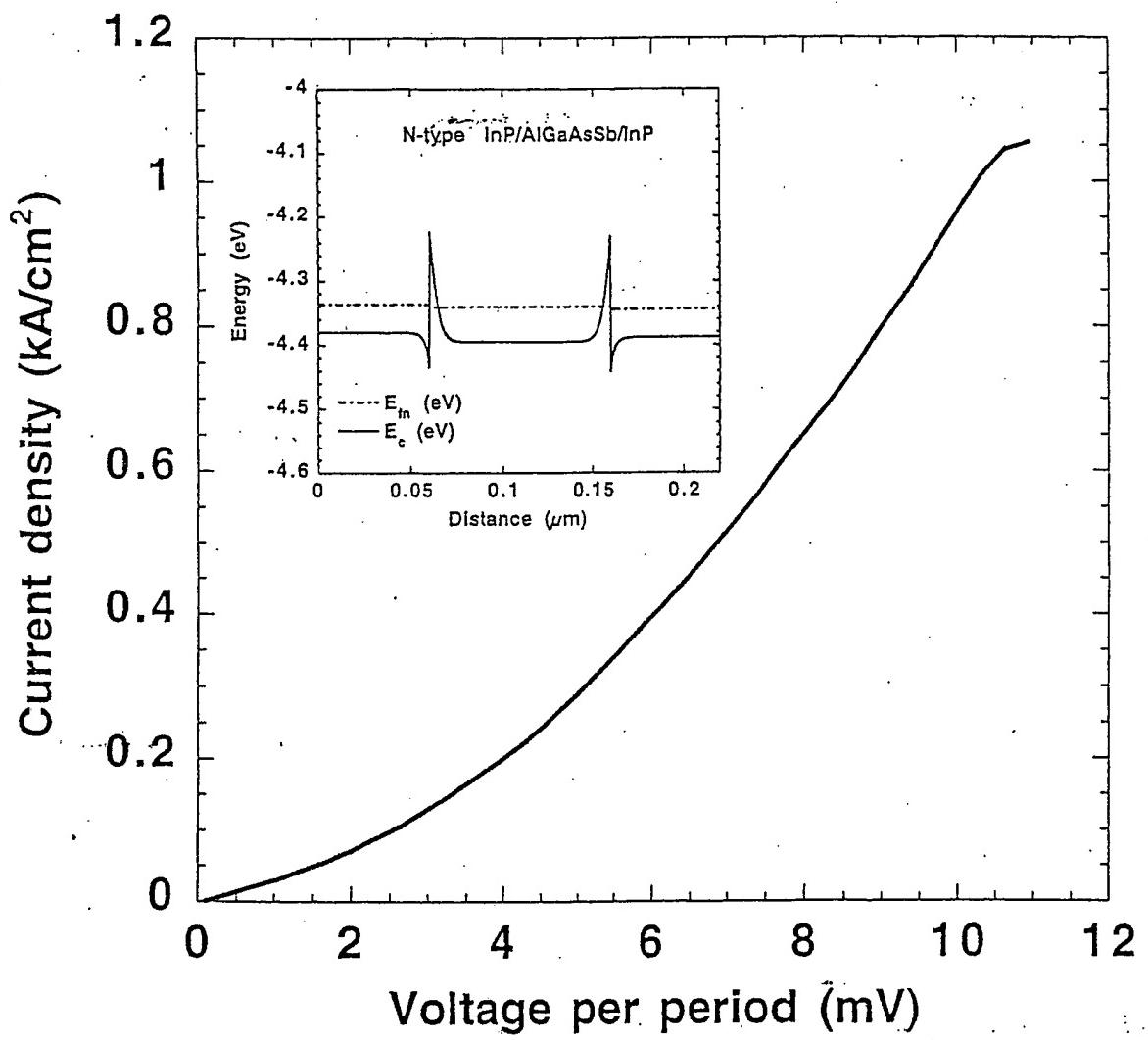


FIG. 13

0
20
40
60
80
100
120
140
160
180

Material	Measured thermal conductivity (W/m.K)	Value from the literature (W/m.K)	Reference
AlGaAsSb bulk layer	3.16	-	This work
AlAsSb bulk layer	4.18	-	This work
InP bulk layer	71	68	[14]
AlGaAsSb/AlAsSb DBR	3.62	5.6*	[15]
AlGaAsSb/InP DBR	6.52	-	This work

FIG. 14

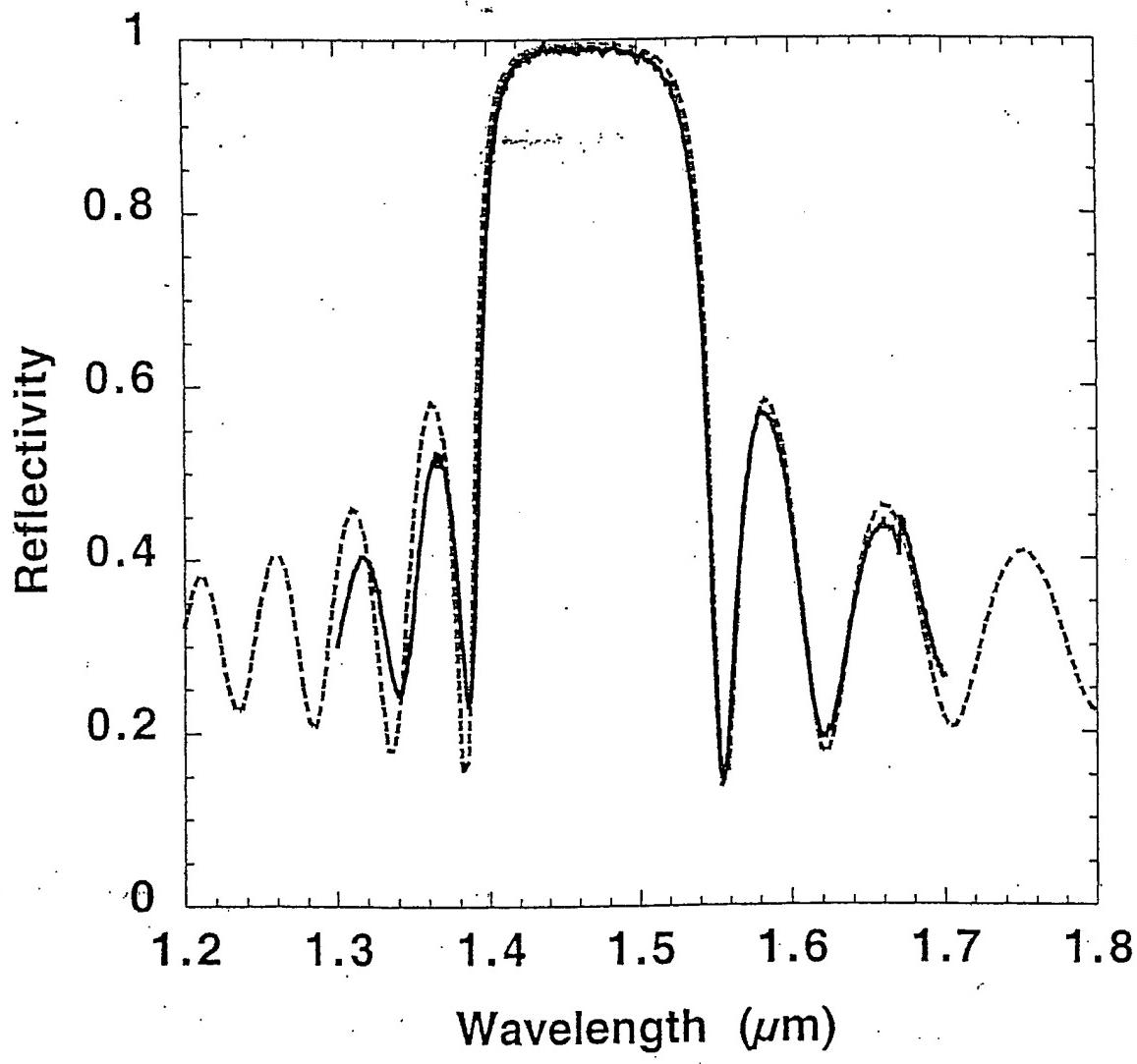


FIG. 15